EX400

Product, Compact Projection

- Native XGA, 3700 ANSI lumens
- USB plug and play presenting
- Up to 6000 hours lamp life and 70% energy saving
- Crestron RoomView® – RJ45 control and monitoring

DLP TEXAS INSTRUMENTS · HDMI HIGH DEFINITION MULTIMEDIA INTERFACE · CRESTRON RoomView connected · AMX · PJLink · 3D Ready

Eco+ · 5 YEARS

EX400

Stylish yet easy to use, the EX400 is a great XGA multi functional projector. Impressive 3700L with technology brings to life business presentations, video graphics and movies on the big screen.

Designed with you, the presenter, in mind, the EX400 incorporates extensive connectivity, plug and play presenting, powerful 10W stereo speakers and Crestron RoomView control to maintain and monitor the projector over the network.

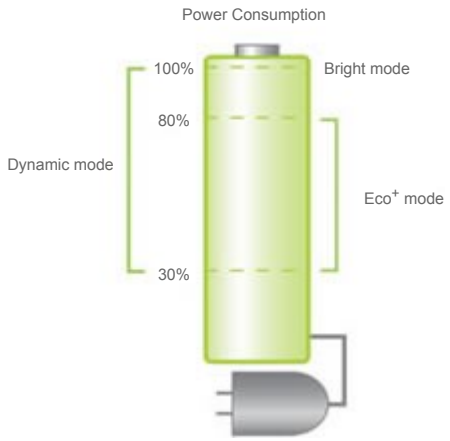
The environmentally friendly EX400 has energy saving features including <0.5W standby mode and auto power off saving you both time and money. Our unique Optoma Colour guarantee ensures hassle-free, long-lasting projection.

Green Solutions

Technology from Optoma increases our commitment to reducing the impact we all make on the environment.

Eco+ Mode

Saving energy, saves money! Eco+ technology reduces the power consumption to as little as 30%. This intelligent feature also has a positive effect on the lamp life, increasing it up to 70% while lowering the total cost of ownership and reducing maintenance.



Dynamically adjusts the brightness and power consumption

Bright scene
~ 100% power consumption

Dark scene

Cost Saving - Long Lamp Life

To achieve the maximum 6000hrs[2] lamp life, the projector should be operating in Eco mode and the auto power off feature should be enabled to automatically switch off the projector if it is accidentally left on. Enabling the <0.5W standby mode ensures the minimum energy consumption when the projector is not switched on.

Bright, Detailed & Colourful Projection

Grab your audience's attention with bright, vivid projected images thanks to the BrilliantColor™ technology incorporated within the EX400.

Preset display modes allow you to achieve a perfect image on a variety of surfaces including screens and interactive whiteboards

Colour Guarantee

We are so confident that the image colour quality of our projectors will remain as good as the day you bought it that Optoma will guarantee it for five years.

Clear, Focused Images

Lessons in the classroom and presentations in the boardroom demand sharp, flawless images. DarkChip3™ technology from Texas Instruments produces a stunning 15,000:1 contrast ratio for pin sharp graphics and Crystal-clear text. Crisper whites & ultra -rich blacks make images come alive and text easier to read.

To retain image clarity, Optoma projectors are designed with DLP® technology preventing degradation over time to give consistent pixel performance.

Low contrast

DarkChip[3]

RS232 Control

The extensive RS232 command set makes it simple and easy to control the EX400 with any control system.

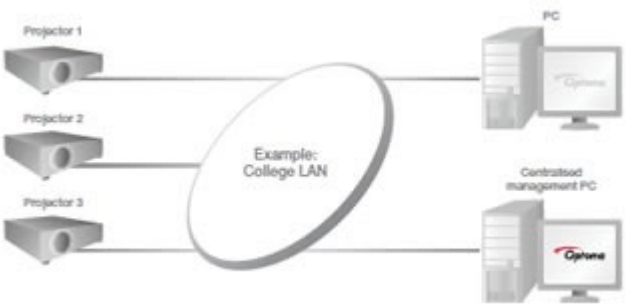
AMX and PJ-LINK

Protocol is incorporated into the EX400. This feature allows for easy installation with AMX and PJ-Link control systems.

Crestron RoomView® - Network Control

RoomView® software provides a custom configurable interface to power on/off, monitor, manage and control up to 250 projectors at the same time from any computer.

- Schedule the projectors to power up/down saving time, money and extending the life of the lamp.
- Control and alter the projector settings using a simple web browser page including menu control.
- Display emergency messages on all projectors simultaneously.
- Reduce maintenance time by automatically receiving emails for lamp replacements.



Download Crestron RoomView® Express software from:
www.crestron.com/getroomview

Hassle-free PC-less Presentation

Enjoy hassle-free presenting with the USB Reader to project a JPEG presentation from a USB flash drive. The Remote Desktop function allows you to present using a wireless mouse and keyboard. You'll get to access everything from your computer remotely on the projection screen!

Multiple display options for various office and classroom needs

The EX400 gives you plenty of options to project a great presentation or video on your projector.

- **USB Display** offers the 2-in-1 USB display function using a single cable to manage both the images and mouse controls from your PC device.
- **Wireless Display** keeps cables and wires out of everyone's way with the Mini Wi-Fi Dongle. (optional accessory)

The free downloadable 'Optoma Presenter' software to give you the ability to display information to your projector using a network cable or wireless adaptor. Display presentations and video up to 4-1, 1-8 and partial projection for business presentations, training meetings and educational lessons.

Audio Power

Use a microphone and the powerful built-in 10W speakers to capture your audience attention from anywhere within your classroom or meeting room.

We know that improving our products is the best way to reduce our impact on the environment. That's why at Optoma we design our products to have a long usable life, use fewer materials, ship with the minimum packaging and be free of all possible toxic substances. Naturally, energy efficiency and being recyclable are built in at the design stage. With each new product, we strive towards minimising our environmental impact.

EX400 Specification

Display Technology	Single 0.55” XGA DC3 DMD chip DLP® Technology by Texas Instruments
Native Resolution	XGA 1024 x 768
Brightness[1] (Bright Mode)	3700 ANSI Lumens
Contrast	15,000:1
Noise Level (Eco mode)	29dB
Weight (kg)	2.04
I/O Connectors	HDMI, 2 x VGA (RGB/YPbPr), Composite, 2 x Audio In 3.5mm, Audio Out 3.5mm, VGA Out, RJ45, RS232, USB remote mouse/service, USB-A reader/wireless, USB display, Mic In
Maximum Resolution	UXGA 1600 x 1200
Computer Compatibility	UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
Video Compatibility	PAL (B, D, G, H, I, M, N, 576i/p), NTSC (M, 4.43/3.58 MHz, 480i/p), SECAM (B, D, G, K, K1, L) HD (1080i, 720p)
Displayable Colours	1.07 Billion
Projection Lens	F/2.41~2.66; f=18.2~21.8mm, 1.2x Manual Zoom
Throw Ratio	1.6 - 1.92:1
Projection Screen Size	0.78 – 9.38m (30.79” - 369.43”) Diagonal 4:3
Projection Distance	1.2 - 12m
Zoom Type	1.2x Manual
Aspect Ratio	4:3 Native, 16:9 Compatible
Offset	115% ±5%
Horizontal Scan Rate	15.3 - 91.1kHz
Vertical Scan Rate	24 - 85Hz
Lamp Type	240W
Lamp Life[2] Eco/Bright	6000/3500 (hrs)
Keystone Correction	± 40° Vertical
Dimensions (W x D x H) (mm)	288 x 220 x 86
Power Supply	100-240V, 50-60Hz
Power Consumption	299W Bright mode / 238W Eco mode (< 0.5W Standby)
Operating Conditions	5°C - 40°C, Max. Humidity 85%, Max. Altitude 3000m
Uniformity	80%
Security	Security bar, Kensington lock, password protection
Standard Accessories	Carry bag, lens cap, AC power cord, VGA cable, remote control, 2x AA batteries, quick start card, CD user manual
Optional Accessories	DLP® Link™ 3D glasses, wireless, ceiling mount
RoHS	Compliant
3D Support	3D Ready - The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems.
3D Compatibility	120Hz frame sequential 3D for resolutions up to 720P. 60Hz field sequential 3D for resolutions up to 480i.
Speaker (Watts)	10
Warranty	3
On Screen Display	19 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian/Danish, Hungarian, Czech, Turkish, Romanian, Farsi, Arabic
Optional Wireless	Yes

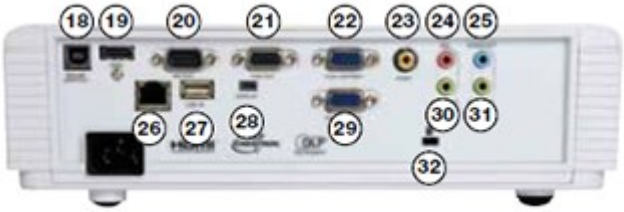
Easy to use remote control

EX400 Remote Control

1. Power
2. Mouse select
3. Source
4. Re-sync
5. Left mouse click
6. Right mouse click
7. Mouse control
8. Laser
9. Page up/down control
10. Vertical keystone correction
11. Volume control
12. Brightness
13. Menu
14. Direct input source select
15. AV mute
16. Eco+
17. 3D control

EX400 Connections

18. USB Type B (Remote Mouse)
19. HDMI
20. RS232
21. VGA Out
22. VGA 1
23. Composite
24. Microphone In
25. Audio Out
26. RJ45
27. USB Type A (Reader/Wireless)
28. USB Display
29. VGA 2
30. Audio In
31. Audio In
32. Kensington Lock



EX400 Projection Distance 1.2 - 12m (4:3 Aspect Ratio)

Projection Distance (m)	Max. Horizontal Image Size (m)	Min. Horizontal Image Size (m)	Max. Vertical Image Size (m)	Min. Vertical Image Size (m)	Max Diagonal Image Size (m)	Max Diagonal Image Size (inch)	Max. Image Offset (m)
1.20	0.75	0.63	0.56	0.47	0.94	36.94	0.08
2.00	1.25	1.04	0.94	0.78	1.56	61.57	0.14
2.50	1.56	1.30	1.17	0.98	1.95	76.96	0.18
3.00	1.88	1.56	1.41	1.17	2.35	92.36	0.21
4.00	2.50	2.08	1.88	1.57	3.13	123.14	0.28
5.00	3.13	2.60	2.35	1.96	3.91	153.93	0.35
6.00	3.75	3.13	2.82	2.35	4.69	184.71	0.42
7.00	4.38	3.65	3.29	2.74	5.47	215.50	0.49
8.00	5.00	4.17	3.76	3.13	6.26	246.29	0.56
9.00	5.63	4.69	4.23	3.52	7.04	277.07	0.63
10.00	6.25	5.21	4.70	3.92	7.82	307.86	0.70
11.00	6.88	5.73	5.17	4.31	8.60	338.64	0.78
12.00	7.50	6.25	5.64	4.70	9.38	369.43	0.85

Optoma Europe Ltd.
42 Caxton Way, Watford Business Park, Watford, Hertfordshire, UK. WD18 8QZ
www.optoma.co.uk

Copyright © 2013, Optoma Europe Ltd. All other product names and company names used herein are for identification purposes only and may be trademarks or registered trademarks of their respective owners. DLP, BrilliantColor™ and the DLP logo are registered trademarks of Texas Instruments. All specifications are subject to change without notice. Errors and omissions excepted. All images of products are for representation purposes only. Whilst every care is taken to provide accurate images of our products, actual products may differ slightly. Some product images may have been digitally altered by us to add an Optoma logo to the front panel. Optoma reserves the right to amend or alter actual product or product images without notice. Some images may be simulated.

15/09/2015 02:04